

**ARIZONA GAME AND FISH DEPARTMENT
HABITAT PARTNERSHIP PROGRAM
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

PROJECT INFORMATION	
Project Title: 2011 – Pick Point WLC Redevelopment	Project No. 10-211
Region/GMU: Region 2/GMU 13BN	HPC:
Project Type: Water Catchment Redevelopment	
Project Description: Improve the water collection, storage capabilities, and lifespan of the Pick Point Wildlife Catchment in southern 13B. This project will involve redeveloping the existing dilapidated catchment with new materials. New r-panel type roofing panels will replace the current metal sheeting at the site. These panels will be fastened to new metal frame replacing the existing wooden frame. 2 - 3' x 16' fiberglass storage tanks will replace the existing metal tank, and a new 3' walk in style trough will replace the existing drinker. The redevelopment of this water is necessary to meet AZGFD statewide strategic goals, water development implementation plans, and BLM objectives for management of bighorn sheep and wildlife habitat.	
Wildlife Species to Benefit: Desert Bighorn Sheep	
Possible Funding Partners: ADBSS	
Implementation Schedule: Beginning: Spring 2011 Completed: Spring 2012	NEPA Compliance: (if applicable) Completed: Yes <u> X </u> No <u> </u> Projected Completion Date: 2006 DNA-AZ-130-2006-0002
PROJECT FUNDING	
SBG Funds Requested: \$ 28382.06 Cost Share Funds: \$ ----- Total Project Costs: \$ 28382.06	
PARTICIPANT INFORMATION	
Applicant: Luke Thompson (please print) Telephone: 435-574-2978	Address: 3500 S lake Mary Road Flagstaff, AZ 86001
AGFD Contact and Phone No. (If applicant is not AGFD personnel)	
Coordinated with: Joseph Currie/Ed Jahrke – Development Branch Arizona Strip BLM – Grand Canyon Parashant National Monument	Date: Ongoing 2010
Applicant's signature:	Date: August 30, 2010

SEND COMPLETED APPLICATIONS TO:
 AZ Game and Fish Department
 Attn: Game Branch
 5000 W. Carefree Highway
 Phoenix, AZ 85086

rgregory@azgfd.gov

WAS PROJECT PRESENTED TO THE LOCAL HPC? YES _____ NO X

The Fredonia HPC has not met in recent years, however, the ADBSS has been coordinated with on this project to complete site visits.

HAS PROJECT BEEN SUBMITTED IN PREVIOUS YEARS? IF SO WAS IT FUNDED?

N/A

NEED STATEMENT/PROBLEM ANALYSIS:

Pick Point wildlife catchment is located in the Pigeon Canyon area of the Grand Wash Cliffs of southern 13B. The wildlife catchment currently has a ground level apron that is small for the storage capability, and is attached to an above ground, steel storage tank via a PVC pipeline. The tank, approximately 5000 gallons, leads to a ground level metal drinking trough that is in jeopardy of developing pitholes. The trough is regulated by a float valve system. While there is road access to the facility, the road is reclaiming and difficult to see.

Because of its age Pick Point wildlife catchment is in danger of failing and creating a high maintenance need. The metal drinking trough is in danger of developing pitholes, and the PVC pipe leading from the apron to the storage tank has been repaired multiple times because of its failure. The apron of this facility, is also small limiting the ability of the facility to capture water. While it currently can hold water near capacity, the ability of the small apron to collect water, and the important fact that the ground level drinker is in danger of developing pitholes, limits this facilities value to the reintroduced bighorn sheep in the area.

It is hoped that redeveloping this catchment prior to failure will reduce long-term maintenance needs and costs associated with water hauling etc. In addition, redeveloping the components now, will reduce the site visitations needed to ensure the facility continues to function.

The bighorn in 13BS are completely an effort of reintroduction efforts that began in the 1970's. Most recent efforts include an effort in 1995 when 22 bighorn were released near the Cunningham Catchment site, and in 1999 when 22 bighorn were released at Olaf Wildlife Catchment.

Further, the Snap Canyon and Pigeon Canyon areas currently has some of the higher density of Bighorn for the 13BS population. During surveys, bighorn sheep have been consistently documented from year to year using this area, hunters spend significant time hunting in the area, and remote camera pictures have been the best of all sites in the Grand Wash Cliffs. The value of this wildlife facility to Bighorn, hunters, and the public of the state cannot be understated.



PROJECT OBJECTIVES:

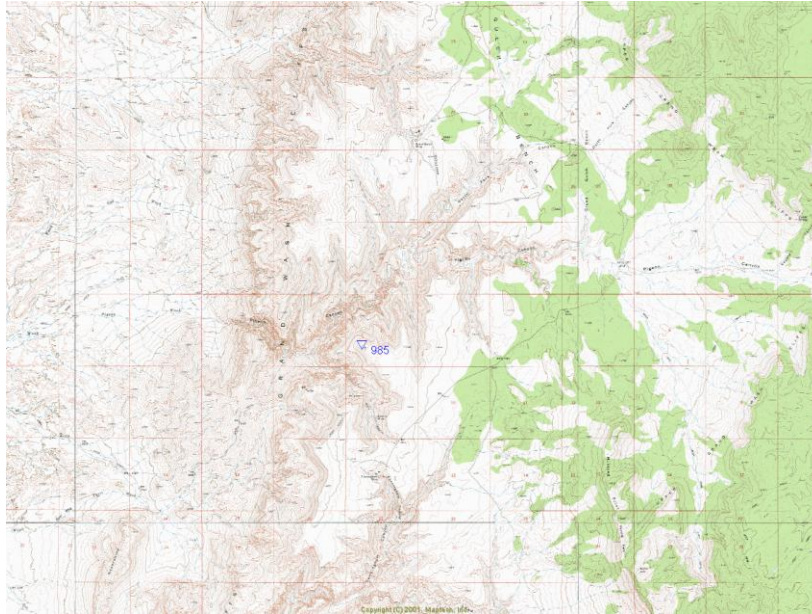
1. Improve water availability and distribution for wildlife, in particular desert bighorn sheep.
2. Improve habitat use and distribution of wildlife species by providing an additional reliable water source in the area.
3. Decrease maintenance needs by increasing capacity, and removing mechanical components from system.
4. Continue the task through the Statewide Water Development Implementation schedule, and the regional wildlife water priority of redeveloping wildlife water catchments in 13B that have failed or are in disrepair because of their age.
5. Make progress in meeting the following BLM Desired Future Condition objectives for desert bighorn sheep habitat as outlined in the recently signed BLM RMP documents:
 - Desert bighorn habitat would provide the necessary forage, water, and shelter components for healthy, self-sustaining populations within the range of natural variability.
 - On BLM lands, desert bighorn sheep populations would be at or near maximum levels sustainable for the habitat.
 - On BLM lands, forage in desert bighorn sheep habitat areas would include at least 20% grasses, 20% forbs, and 20% palatable shrub species CBW, where consistent with site potential.
 - Water sources within bighorn sheep habitat areas would be safely accessible to bighorn and other wildlife.

PROJECT STRATEGIES:

1. Install 2 - 3'x16' fiberglass tank with combined capacity of approximately 10000 gallons.
2. Construct a 24' x 72' r-panel metal apron over tank, attached to metal framework.
3. Install a 3' walk in trough to replace the existing ground level drinker.
4. Replace existing plumbing components.

PROJECT LOCATION:

36° 17.1533' 113° 48.2176'



LAND OWNERSHIP AT PROJECT SITE (Please state specifically if PRIVATE PROPERTY and provide landowner's name):

100% Federal managed by the Arizona Strip District Office of the Bureau of Land Management

IF PRIVATE PROPERTY, IS THERE A STEWARDSHIP AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?

N/A

HABITAT DESCRIPTION:

Plant communities representative of Mojave Desert Scrub. Vegetative species include black brush, mortonia, cliffrose, creosote bush, bursage, and Utah Juniper in the higher elevations.

ITEMIZED USE OF FUNDS:

ESTIMATED PROJECT COST SHEET

2011 Pick WLC Redevelopment

Costs Category- Equipment, Labor, Administrative, Material	Grant Dollars Requested – Special Tag
24x72 r-panel apron package – Includes r-panel roofing, metal studs, gutter and associated hardware	\$4677.70
2 - 3'x 16' fiberglass ring tanks trough and gutter	\$19784.96

Plumbing Materials	\$500.00
Associated concrete and miscellaneous hardware	\$458.00
200' x 200' Pipe rail Fence	\$2961.40
Totals	\$28382.06

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

Arizona Desert Bighorn Sheep Society: Provide project funding as well as on the ground help during redevelopment activities.

Arizona Strip BLM: NEPA compliance has been completed through the BLM document: DNA-AZ-130-2006-0002

PROJECT MONITORING PLAN:

After completion of this project, this wildlife catchment will continue to be monitored as part of the Region II/GMU 13B water development protocol. This protocol outlines facility inspection schedules, as well as maintenance schedules if needed. It is anticipated that this wildlife catchment will be inspected at least twice each year.

PROJECT MAINTENANCE:

This project will be maintained by the Arizona Game and Fish Department's development crew. As outlined in the project narrative, long term maintenance needs are expected to be minimal. All maintenance and access needs will be closely coordinated with the Arizona Strip BLM office.

PROJECT COMPLETION REPORT TO BE FILED BY:

Luke Thompson – Wildlife Manager GMU 13B.

WATER DEVELOPMENT PROJECTS (see attached worksheet):

See Below

ARIZONA GAME AND FISH DEPARTMENT WATER DEVELOPMENT WORKSHEET

PROJECT NAME: 2011 – Pick Point Catchment Redevelopment

1) Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”

Yes. In addition this water catchment is included on the regional prioritization list for wildlife catchments.

2) Please list the Development Branch personnel and date coordinated with for this project.

Joseph Currie – Ongoing 2010

3) What are the estimated annual inches of precipitation for the area? (mark one)

 2-4 4-6 6-8 8-10 10-12 X 12-14 14-16 >16

4) Is there a perennial water source available to big game within four miles of this project?

 X YES (please complete #5 below) NO (skip #5 below)

5) For the accessible, perennial water source nearest this project:

Name of water source: 924 Overlook WLC

Type of water source (catchment, spring, dirt tank, etc.): Catchment

Ownership of water source: AZGFD

Distance in miles from project: 2.0

Name of water source: 988 Grand Gulch Bench

Type of water source (catchment, spring, dirt tank, etc.): Wildlife impoundment

Ownership of water source: AZGFD

Distance in miles from project: 2.7

****While located within 4 miles of this project the Grand Gulch Bench WLC is located closer to mule deer habitat than bighorn sheep habitat and thus is of limited value to bighorn.**

6) Is the target wildlife species a result of transplant efforts? X YES NO

7) Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument, etc). If private land, list landowner.

This project is located within the Grand Canyon Parashant National Monument.

8) Please provide the following information about access to the proposed site:

Type of access (mark one): 2x4 vehicles X 4x4 only foot only**

**If foot access only: Distance in miles: Approx. hiking time:

-- Does access to this site require crossing private or tribal lands? YES X NO

-- Please describe any restrictions to public access: The current road into the catchment is overgrown, and reclaiming.

9) Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.

24' x 72' r-panel apron package and steel frame
2 - 3' x 16' fiberglass storage tank
3' walk in style Fiberglass trough
200' x 200' Pipe rail Fence

10) Was a site visit completed? X Yes ___ No

A formal site visit with the ADBSS, development branch and the local wildlife manager is pending, however development branch and the ADBSS have been consulted with on this project.